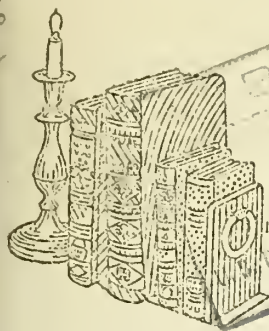


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LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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Vol. 9, nos. 5 & 6

November-December 1950

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NEW BOOKS

AGRICULTURAL PROGRESS IN THE COTTON BELT SINCE 1920 by J.L. Fulmer. Chapel Hill, University of North Carolina Press, c1950. 236 p. 281.002 F95.

"Today, agriculture in the Cotton Belt is more prosperous and healthy than it has been during the greater part of the last quarter century. The states in this region- North Carolina, South Carolina, Georgia, Alabama, Tennessee, Mississippi, Louisiana, Arkansas, Oklahoma and Texas- have escaped from the bondage of the one-crop system which hindered their progress for so long. The boll weevil, The Great Depression, The Agricultural Adjustment Acts of 1933 and 1938, the Soil Conservation and Domestic Allotment Act of 1936, and World War II- all played important parts in forcing diversification on the farmer. Dr. Fulmer tells the story of the changes that have taken place in the Cotton Belt during the past twenty-five years, points out the goals that are still to be reached, and suggests remedies for still existing agricultural ills in the region." Book Jacket.

ECONOMICS WITH APPLICATION TO AGRICULTURE by E.F. Durmeier. New York, McGraw- Hill 1950. 718 p. 281 D89 Ed.3.

"The authors have attempted in this volume to show the relation of the principles of economics to recent and current events in a more concrete and effective manner than has been done in earlier textbooks. They have undertaken to meet the apparent need for a thorough and up-to-date text for courses which are given in many educational institutions, especially the land-grant colleges with catalogue descriptions such as "The fundamental principles of economics in application agriculture." or "Forces and institutions of modern society with special reference to agriculture; relation to cost, supply and demand."

FOREVER THE LAND by Russell Lord and Kate Lord. New York, Harper, c1950. 394 p. 30.4 L88.

This is a book about the new spirit vitalizing the old way of life. It chronicles the growth of a modern movement generated by the first small group of Friends of the Land; and it gathers together a fine, varied selection of writing

theories, facts, generalizations and principles. The introductory treats of the evolution of agriculture in relation to the development of scientific thought. The chapters that follow call attention to the fact that soils, which seem to be simple bodies, are in fact very complex- with interacting physical, chemical and biological properties. Also included are chapters on scientific classification of soils and the basic principles of such a classification, soil and plant relationships, crop production and soil fertility, soil water, soil aeration, soil micro-organisms, plant nutrient elements, soil erosion and watershed protection. So the scope of Soil Science is thus broad and comprehensive.

PAMPHLET MATERIAL

CROPS

- ARTIFICIAL DRYING OF FORAGE CROPS. USDA Circ. 443. rev. Washington, 1950. 28p.
1 Ag84C.
- RICE CULTURE IN CALIFORNIA. USDA Farmers B. 2022. Washington, 1950. 32 p.
1 Ag84F.
- VARIABILITY OF AGRONOMIC AND SEED COMPOSITIONAL CHARACTERS IN SOYBEANS, AS INFLUENCED BY VARIETY AND TIME OF PLANTING. USDA Tech. B. 1017. Washington, 1950. 39 p. 1 Ag84Te.
- WINTER COVER CROPS, FOR NITROGEN, ORGANIC MATTER, AND SOIL AND PLANT FOOD CONSERVATION. Ga. Ext. Ser. 300. Athens, 1950. rev. 275.29 G29C.

DAIRY PRODUCTS AND DAIRY FARMING

- CONSUMPTION OF DAIRY PRODUCTS IN RURAL NORTH CAROLINA. N.C. Exp. Sta. B. 372. Raleigh, 1950. 23 p. 100 N81.
- CONSUMPTION OF DAIRY PRODUCTS IN URBAN NORTH CAROLINA. N.C. Exp. Sta. B. 371. Raleigh, 1950. 51 p. 100 N81.
- DAIRY FARMING WITH GRASSLAND CROPS. USDA BDI -Inf. 113. Washington, November 1950. 7 p. 1.973 D4B34.
- MILK MARKETING IN THE NORTH LOUISIANA UPLAND COTTON AREA. La. Exp. Sta. B. 443. Baton Rouge, 1950. 28 p. 100 L93.

FLORICULTURE

- CAMELLIAS FOR THE YARD. La. Exp. Sta. B. 391. rev. 39 p. 100 L93.
- DAHLIAS. Penn. Ext. Ser. Leaflet 141. State College, 1950. 275.29 P38L.
- PEONIES. Penn. Ext. Ser. Leaflet 139. State College, 1950. 275.29 P38L.
- HYBRID DELPHINIUM. Penn. Ext. Ser. L. State College, 1950. 275.29 P38L.
- HARDY CHRYSANTHEMUMS. Penn. Ext. Ser. L. 140. State College, 1950.
- GLADIOLUS. Penn. Ext. Ser. L. 138.
- GARDENIAS IN FLORIDA. Fla. Ext. Ser. B. 145. Gainesville, 1950. 16 p. 275.29 F66S.

GRAIN

- ATLAS WHEAT, N.C. Exp. Sta. Spec. C. 8. Raleigh, 1950. 8 p. 100 N81P.
- GRAIN GRADING PRIMER. USDA Misc. Pub. 325. rev. Washington, 1950. 57 p. 1 Ag84M.
- MILLING AND BAKING EXPERIMENTS WITH WHEAT VARIETIES GROWN IN THE WESTERN UNITED STATES, 1936-45. USDA Tech. B. 1014. Washington, 1950. 35 p. 1 Ag84Te.

GRASSES

- THE CONTROL OF JOHNSON GRASS IN SUGARCANE FIELDS. La. Exp. Sta. B. 442. Baton Rouge, 1950. 11 p. 100 L93.
- THE IDENTIFICATION OF 76 SPECIES OF MISSISSIPPI GRASSES BY VEGETATIVE MORPHOLOGY. Miss. Exp. Sta. Tech. B. 31. State College, 1950. 108 p. 100 M69.
- RESULTS OF WINTER GRAZING TESTS 1949-50. Miss. Exp. Sta. C. 155. State College, 1950. 16 p. 100 M69.

RUN-OFF

- EFFECTS OF DIVERTING SEDIMENT-LADEN RUNOFF FROM ARROYOS TO RANGE AND CROP LANDS. USDA Tech. B. 1012. Washington, 1950. 83 p. 1 Ag84Te.
- RATES AND AMOUNTS OF RUNOFF FOR THE BLACKLANDS OF TEXAS. USDA Tech. B. 1022. Washington, 1950. 23 p. 1 Ag84Te.

MISCELLANEOUS

- ACID TREATMENT OF TURPENTINE TIMBER. Ca. Ext. Ser. B. 564. Athens, 1950. 12 p. 275.29 G29B
- APHID TRANSMISSION OF SEVERE-MOSAIC VIRUS OF ANNUAL STOCK. Calif. Exp. Sta. Hilgardia, v.20, no. 6, Berkeley, 1950. 100 C12H.
- DEHYDRATED SWEET POTATO MEAL FOR FATTENING STEERS. La. Exp. Sta. B. 446. Baton Rouge, 1950. 7 p. 100 L93.
- EARLY-SEASON APPLICATION OF INSECTICIDES ON A COMMUNITY-WIDE BASIS FOR COTTON-INSECT CONTROL IN 1950. USDA, BEPC B-810. 1950. 8 p. 1.9 En83.
- ETIOLOGY AND CONTROL OF POINSETTIA ROOT AND STEM ROT CAUSED BY PYTHIUM SPP. AND RHIZOCTONIA SOLANI. Calif. Exp. Sta. Hilgardia v.20, no. 9, Berkeley 1950. 100 C12H.
- A FLAME CULTIVATION GUIDE. La. Exp. Sta. C. 38. Baton Rouge, 1950. 14 p. 100 L93.
- FOREIGN POLICY, FOREIGN TRADE, AND SOUTHERN AGRICULTURE, by B. Brandis. Emory University, School of Business Administration. A paper read before the Southern Economic Association, New Orleans, November 11, 1950. 16 p. Inf.F.
- FORM CLASS VOLUME TABLES FOR USE IN SOUTHERN PINE PULPWOOD TIMBER ESTIMATING. La. Exp. Sta. B. 445. Baton Rouge, 1950. 39 p. 100 L93.
- IDENTIFICATION OF BRASSICAS BY SEEDLING GROWTH OF LATER VEGETATIVE STAGES. USDA Circ. 857. 26 p. Washington, 1950. 1 Ag84C.
- INVENTORY OF LAND USE IN NORTH CAROLINA. N.C. Exp. Sta. Tech. B. 95. 42 p. Raleigh, 1950. 100 M41.
- THE OCCURRENCE OF BARIUM IN SOILS AND PLANTS. USDA Tech. B. 1013. Washington, 1950. 36 p. 1 Ag84Te.
- PLANT BEDS FOR EARLY PLANTS. Ca. Ext. Ser. B. 560. Athens, 1950. 16 p. 275.29 G29B.
- RABBIT PRODUCTION. USDA Farmers' B. 1730 rev. Washington, 1950. 58 p. 1 Ag84F.
- RESPONSE OF SEVERAL CROPE PLANTS AND WEEEDS TO MALEIC HYDRAZIDE. Calif. Exp. Sta. Hilgardia v.20, no. 4, Berkeley, 1950. 100 C12H.
- A STUDY OF DDT DEPOSITS ON FRUIT FOLIAGE AND FRUIT TREATED FOR CONTROL OF THE ORIENTAL FRUIT MOTH. USDA, BEAPC B-309. November 1950. 6 p. 1.9 En83.
- A TECHNIQUE FOR EMBRYO CULTURE OF PLANTS. Calif. Exp. Sta. Hilgardia, v.20, no. 3, Berkeley 1950. 100 C12H.
- TELEVISION REPORT. Section I. Films. USDA Office of Information. Washington? 1950. 22 p. Inf. F.
- WHOLESALE MARKET FOR FRESH FRUITS, VEGETABLES, POULTRY, AND EGGS IN LOUISVILLE, Kentucky Exp. Sta. C. 69. Lexington 1950. 80 p. 100 K41.